

**To:** Jonathan.Koplos@cadmusgroup.com[Jonathan.Koplos@cadmusgroup.com]  
**Cc:** Rumrill, Nancy[Rumrill.Nancy@epa.gov]; Coffman, Joel[Coffman.Joel@epa.gov]; Robin, George[Robin.George@epa.gov]; Jim Walker  
**From:** Rao, Kate  
**Sent:** Fri 4/15/2016 5:02:50 PM  
**Subject:** RE: Cadmus Technical Direction Memo: Contract No. EP-C-15-022 WA 0-90; Task 2-- Permit Implementation Support, SMS Briners, UIC Permit No. CA10910002, Sousa No 1 - Proposed SRT & FOT Plans and Procedures

**Ex. 6 - Personal Privacy**

Jonathan –

Spoke to Nancy and Joel and they both said extending the deliverable deadline a couple weeks per project is OK.

Hilmar - now 5/11 draft deliverable due.

Excelsior - now 6/2 draft deliverable due.

Also, George is planning to reach out to Jim today to schedule the SMS kick-off call.

Please confirm the new schedules after you discuss them with Jim.

Thanks. Kate

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Kate Rao  
Drinking Water Protection Section (WTR 3-2)  
USEPA Region 9  
75 Hawthorne St., San Francisco, CA 94105  
tel: (415) 972-3533 / fax: (415) 947-3549

**From:** Jonathan Koplos [mailto:Jonathan.Koplos@cadmusgroup.com]  
**Sent:** Thursday, April 14, 2016 3:57 PM  
**To:** Rao, Kate <Rao.kate@epa.gov>

**Subject:** RE: Cadmus Technical Direction Memo: Contract No. EP-C-15-022 WA 0-90; Task 2--  
Permit Implementation Support, SMS Briners, UIC Permit No. CA10910002, Sousa No 1 -  
Proposed SRT & FOT Plans and Procedures

Don't know how much yet, but left him a message so should hear back from him a by sometime tomorrow morning.

Thank you.

**From:** Rao, Kate [<mailto:Rao.kate@epa.gov>]

**Sent:** Thursday, April 14, 2016 6:16 PM

**To:** Jonathan Koplos <[Jonathan.Koplos@cadmusgroup.com](mailto:Jonathan.Koplos@cadmusgroup.com)>

**Subject:** RE: Cadmus Technical Direction Memo: Contract No. EP-C-15-022 WA 0-90; Task 2--  
Permit Implementation Support, SMS Briners, UIC Permit No. CA10910002, Sousa No 1 -  
Proposed SRT & FOT Plans and Procedures

Jonathan – let me check with Nancy and Joel about the due date deliverables and will get back to you.

Do you know how much longer Jim needs?

Thanks. Kate

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**From:** Jonathan Koplos [<mailto:Jonathan.Koplos@cadmusgroup.com>]

**Sent:** Thursday, April 14, 2016 3:01 PM

**To:** Rao, Kate <[Rao.kate@epa.gov](mailto:Rao.kate@epa.gov)>

**Subject:** RE: Cadmus Technical Direction Memo: Contract No. EP-C-15-022 WA 0-90; Task 2--  
Permit Implementation Support, SMS Briners, UIC Permit No. CA10910002, Sousa No 1 -  
Proposed SRT & FOT Plans and Procedures

Hi Kate,

Sounds good. (I can get Briner in its rightful home under Task 3 and move it from Task 2 to 3 with accounting.)

And, correct, no word from George yet re: kickoff meeting.

Regarding workflow more in general, I've been talking with Jim about Hilmar (due 4/27) and Excelsior (due 5/19). A couple other smaller TD's (like TransCanada) have kind of jumped the queue so I've discussed with Jim the prospects of making those deadlines. (Both also got started a little late as we awaited delivery of materials.)

Do you think it possible to check with the technical leads (Joel on Hilmar and Nancy on Excelsior) to see if those due dates are a bit flexible or if they are not (maybe prepping for scheduled owner/operator meetings, etc.). Jim or I could do that, but wanted to check with you first (maybe you check with your technical leads? Not sure what your preferred protocol is.)

Thanks, Kate.

Jonathan

**From:** Rao, Kate [<mailto:Rao.kate@epa.gov>]

**Sent:** Thursday, April 14, 2016 5:41 PM

**To:** Jonathan Koplos <[Jonathan.Koplos@cadmusgroup.com](mailto:Jonathan.Koplos@cadmusgroup.com)>

**Subject:** RE: Cadmus Technical Direction Memo: Contract No. EP-C-15-022 WA 0-90; Task 2-- Permit Implementation Support, SMS Briners, UIC Permit No. CA10910002, Sousa No 1 - Proposed SRT & FOT Plans and Procedures

Hi Jonathan. You are correct, should be task 3. My oversight. George was supposed to set up a kick-off call with Jim but haven't seen any email traffic on it. Will check in with him.

Thanks. Kate

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**From:** Jonathan Koplos [<mailto:Jonathan.Koplos@cadmusgroup.com>]

**Sent:** Thursday, April 14, 2016 2:10 PM

**To:** Rao, Kate <[Rao.kate@epa.gov](mailto:Rao.kate@epa.gov)>

**Subject:** FW: Cadmus Technical Direction Memo: Contract No. EP-C-15-022 WA 0-90; Task 2-- Permit Implementation Support, SMS Briners, UIC Permit No. CA10910002, Sousa No 1 - Proposed SRT & FOT Plans and Procedures

Hi Kate,

Quick admin question on SMS Briner.

The SMS Briner TD (below) says this is under “**Task 2-- Permit Implementation Support**”

But I just noticed that in the WA, there is *Task 2: Permit Process Support* and *Task 3: Permit Implementation Support*.

(The SMS Briner work itself seems to be more Task 3-Permit Implementation Support. I currently have this TD (TD#6) set-up for billing under Task 2. No hours were billed to this SMS Briner TD in March.)

Is this correct under Task 2 or should this be under Task 3?

Thank you,

Jonathan

**From:** Rao, Kate [<mailto:Rao.kate@epa.gov>]  
**Sent:** Wednesday, March 23, 2016 4:10 PM  
**To:** Jonathan Koplos <[Jonathan.Koplos@cadmusgroup.com](mailto:Jonathan.Koplos@cadmusgroup.com)>  
**Cc:** Robin, George <[Robin.George@epa.gov](mailto:Robin.George@epa.gov)>; Albright, David <[Albright.David@epa.gov](mailto:Albright.David@epa.gov)>; Parrotta, Nancy <[Parrotta.Nancy@epa.gov](mailto:Parrotta.Nancy@epa.gov)>; Adams, Tammy <[Adams.Tammy@epa.gov](mailto:Adams.Tammy@epa.gov)>  
**Subject:** Cadmus Technical Direction Memo: Contract No. EP-C-15-022 WA 0-90; Task 2-- Permit Implementation Support, SMS Briners, UIC Permit No. CA10910002, Sousa No 1 - Proposed SRT & FOT Plans and Procedures

Hi Jonathan – Below is a new work request for WA 0-90. Attached is the material that you will need for the requested review. Once you have a chance to review the below request, please let me know who the tech lead will be as we need to set up a kick-off call to discuss the project.

Thanks. Kate

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**Technical Direction Memo: Contract No. EP-C-15-022 WA 0-90; Task 2-- Permit Implementation Support, SMS Briners, UIC Permit No. CA10910002, Sousa No 1 - Proposed SRT & FOT Plans and Procedures**

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**Background:** SMS Briners operates a facility that is regulated by an EPA-issued Class I NH UIC permit (CA10910002, Sousa #1). SMS Briners (SMS) is seeking approval to initiate a Step Rate Test (SRT) and a Falloff Test (FOT) on well Sousa #1. UIC permit conditions require EPA to approve the SRT and FOT Plans and Procedures before work is conducted.

**Action 1:** EPA is requesting support under Task 2: Permit Implementation Support, to review, evaluate and provide comments that are solely focused on the SRT and FOT Plans and Procedures which are described within the attached February 22, 2016 SMS letter. [Note: attached are two other letters that provide background on the correspondence between EPA and SMS on the SRT and FOT.]

**Deliverables:**

Proposed SRT & FOT Plans and Procedures: Using the attached FOT Guidelines, evaluate the proposed SRT and FOT Plans and Procedures described in the February 22, 2016 letter. [Note: there are no guidelines for SRT but we will discuss the SRT evaluation approach at the kick-off call.] Provide a 1 – 5 page memo either concurring on the proposed Plans and Procedures or if there are deficiencies, provide a summary of the deficiencies and identify additional information that is needed. EPA may ask Cadmus to review additional draft SRT and FOT Plans and Procedures if revised submittals are sent to EPA for evaluation.

Kick-off call: Summarize call(s) in email to Kate Rao and George Robin (EPA tech lead) and note call and time spent in monthly report.

**Ex. 4 - CBI**

**Schedule:** Deliverable -- one week from kick-off call. Kick-off call will be scheduled when Cadmus identifies staff lead for this TDM.

**Material:**

October 8, 2015, Letter from SMS to EPA with response to plug-back and testing procedures for well Sousa #1 (Ltr SMS 10-8-15 response to EPA Ltr 8-31-15.pdf)

January 13, 2016, Letter from EPA to SMS with comments on Isolate Fish, SRT and FOT Plans and Procedures (SMS Ltr signed re-October-8-2015 Plans to Isolate Fish-SRT-FOT 1-13-16.pdf)

February 22, 2016 , Letter from SMS to EPA with response to comments on SRT and FOT Programs (LETTER sousa1\_2016feb22.pdf)

EPA Region 9 UIC Pressure Falloff Requirements (Region 9 Falloff Testing Bookmarked Guideline.pdf)

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